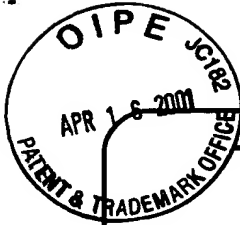


GRU 1635  
#9



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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/417,251
	Filing Date	October 13, 1999
	First Named Inventor	R. Cahoon et al.
	Group Art Unit	1635
	Examiner Name	J. Zara
Total Number of Pages in This Submission		Attorney Docket Number BB1085 US NA

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):  <div style="text-align: center; font-size: 1.2em; font-weight: bold;">RECEIVED</div> <div style="text-align: center;">APR 18 2001</div> <div style="text-align: center;">TECH CENTER 1600/2900</div>
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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

R. E. CAHOON ET AL.

CASE NO.: BB1085-US-NA

APPLICATION NO.: 09/417,251

GROUP ART UNIT: 1635

FILED: OCTOBER 13, 1999

EXAMINER: J. ZARA

FOR: PLANT PROTEIN DISULFIDE ISOMERASES

# 9 / K.T.  
4/19

ELECT.

B

AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENTAssistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed March 16, 2001, please amend the application as follows:

In the specification:

Please replace the following paragraphs:

Paragraph starting at page 4, line 12:

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B<sup>1</sup>

It is preferred that the isolated polynucleotides of the claimed invention consist of a nucleic acid sequence selected from the group consisting of SEQ ID NOs:1, 3, 5, 7, 9, 11, 13, 15, 17, and 19 that codes for the polypeptide selected from the group consisting of SEQ ID NOs:2, 4, 6, 8, 10, 12, 14, 16, 18 and 20. The present invention also relates to an isolated polynucleotide comprising a nucleotide sequence of at least 40 (preferably at least 30, most preferably at least 15) contiguous nucleotides derived from a nucleotide sequence selected from the group consisting of SEQ ID NOs:1, 3, 5, 7, 9, 11, 13, 15, 17, and 19 and the complement of such nucleotide sequences.

Paragraph starting at page 5, line 11:

B<sup>2</sup>

The present invention relates to a method of obtaining a nucleic acid fragment encoding a substantial portion of a protein disulfide isomerase precursor or an RB60 polypeptide, preferably a plant protein disulfide isomerase precursor or an RB60 polypeptide, comprising the steps of: synthesizing an oligonucleotide primer comprising a nucleotide sequence of at least 40 (preferably at least 30, most preferably at least 15) contiguous nucleotides derived from a nucleotide sequence selected from the group consisting of SEQ ID NOs:1, 3, 5, 7, 9, 11, 13, 15, 17, and 19 and the complement of such nucleotide sequences; and amplifying a nucleic acid fragment (preferably a cDNA inserted in a cloning vector) using the